

FIG. 1

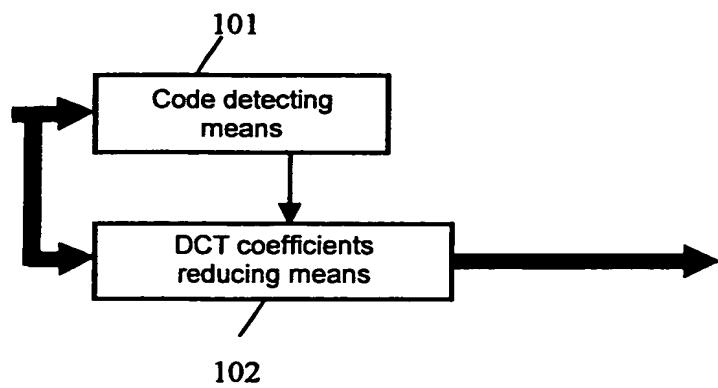


FIG. 2

Picture type: P-picture
Macro block type: MC, Coded
Relevant block: Y0 block

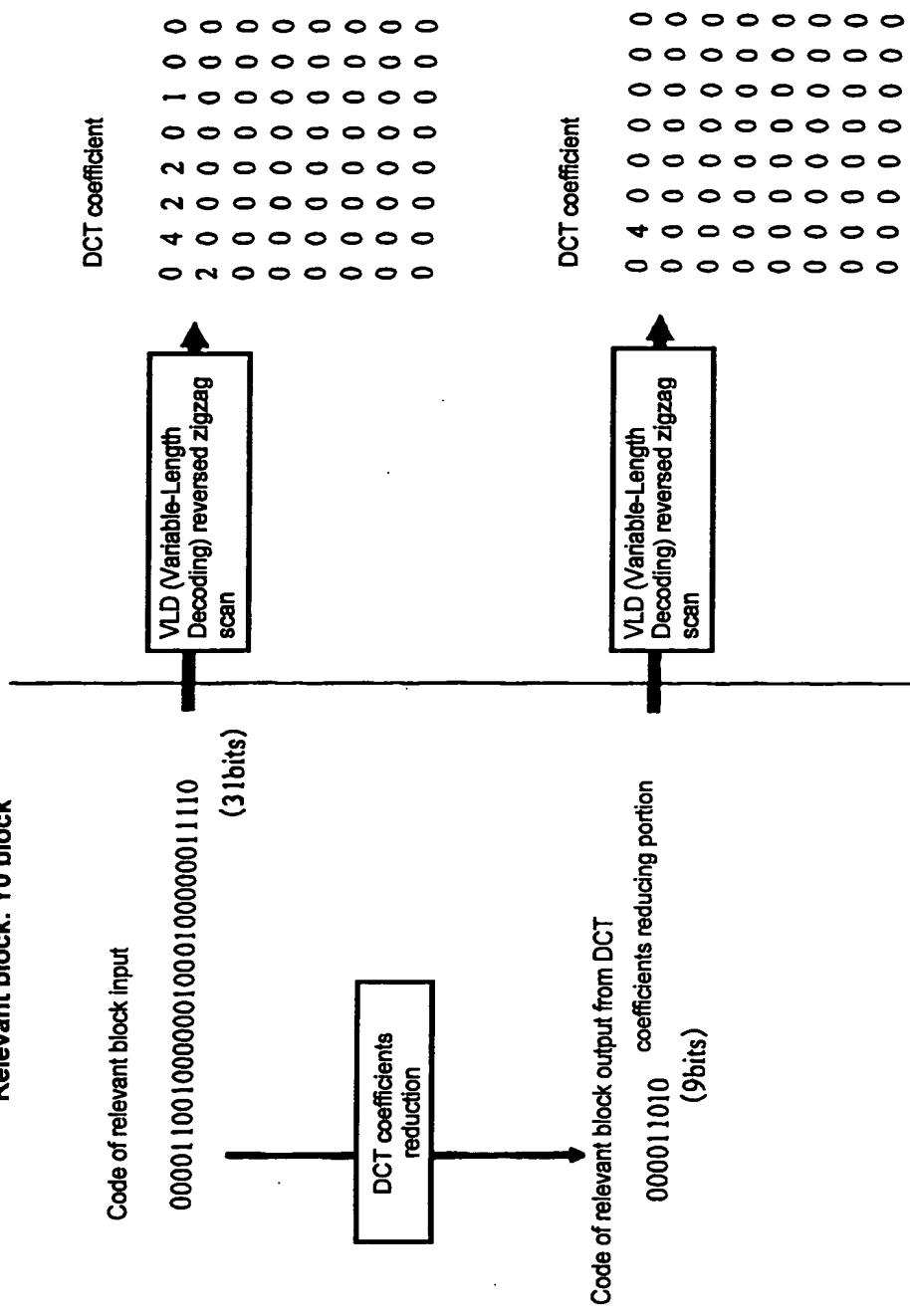


FIG. 3

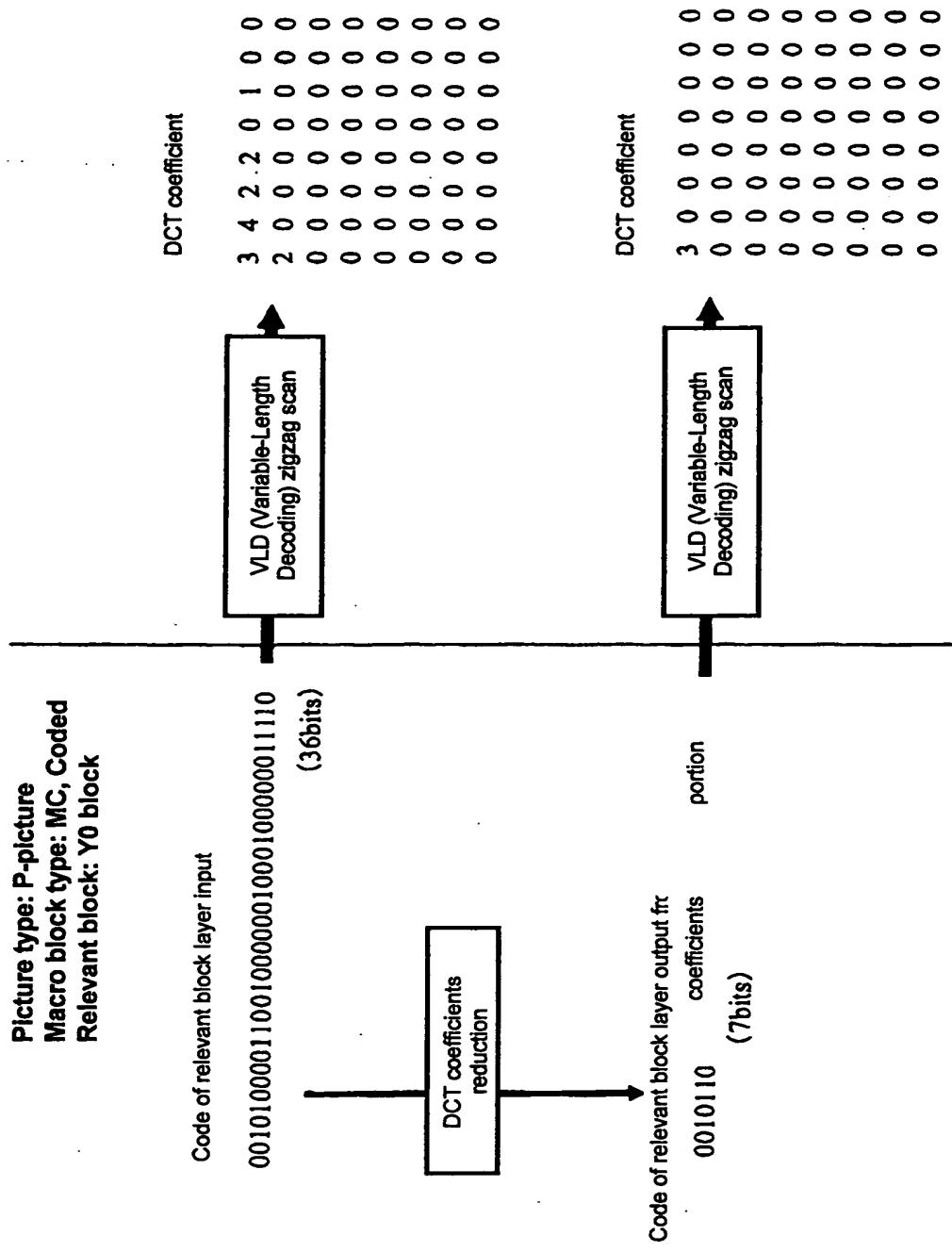


FIG. 4

Picture type: P-picture

Macro block type: Intra

Relevant block: Yo block

DC predicted value of DCT

predicted coefficient: 3

Picture type: P-picture
Macro block type: Intra
Relevant block: Y0 block
DC predicted value of DCT coefficient: 3

An actual DC coefficient is 3 (prediction value) + 1 (decoded value) = 4

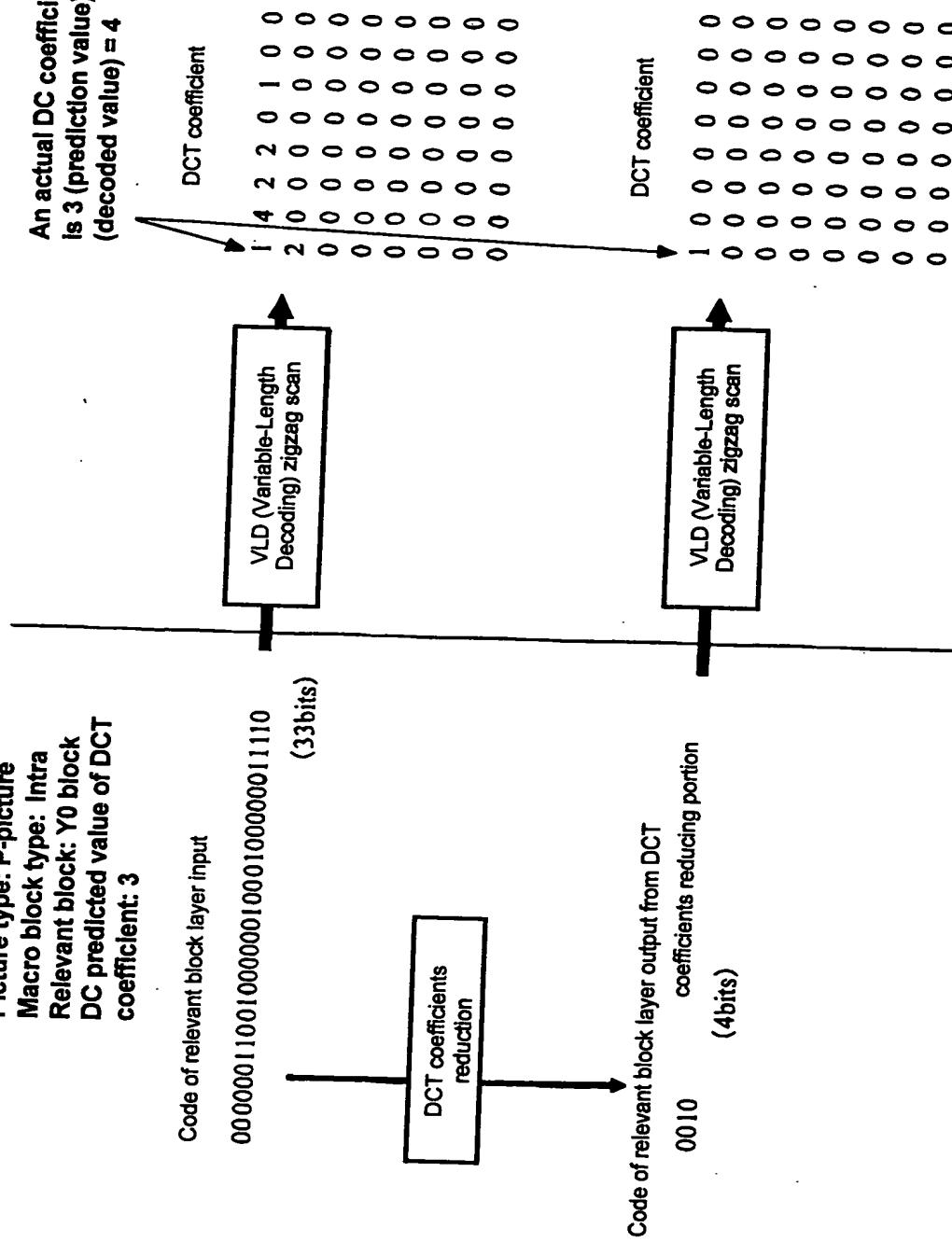


FIG. 5

Picture type: P-picture
Macro block type: MC, Coded
Relevant block: Y0 block

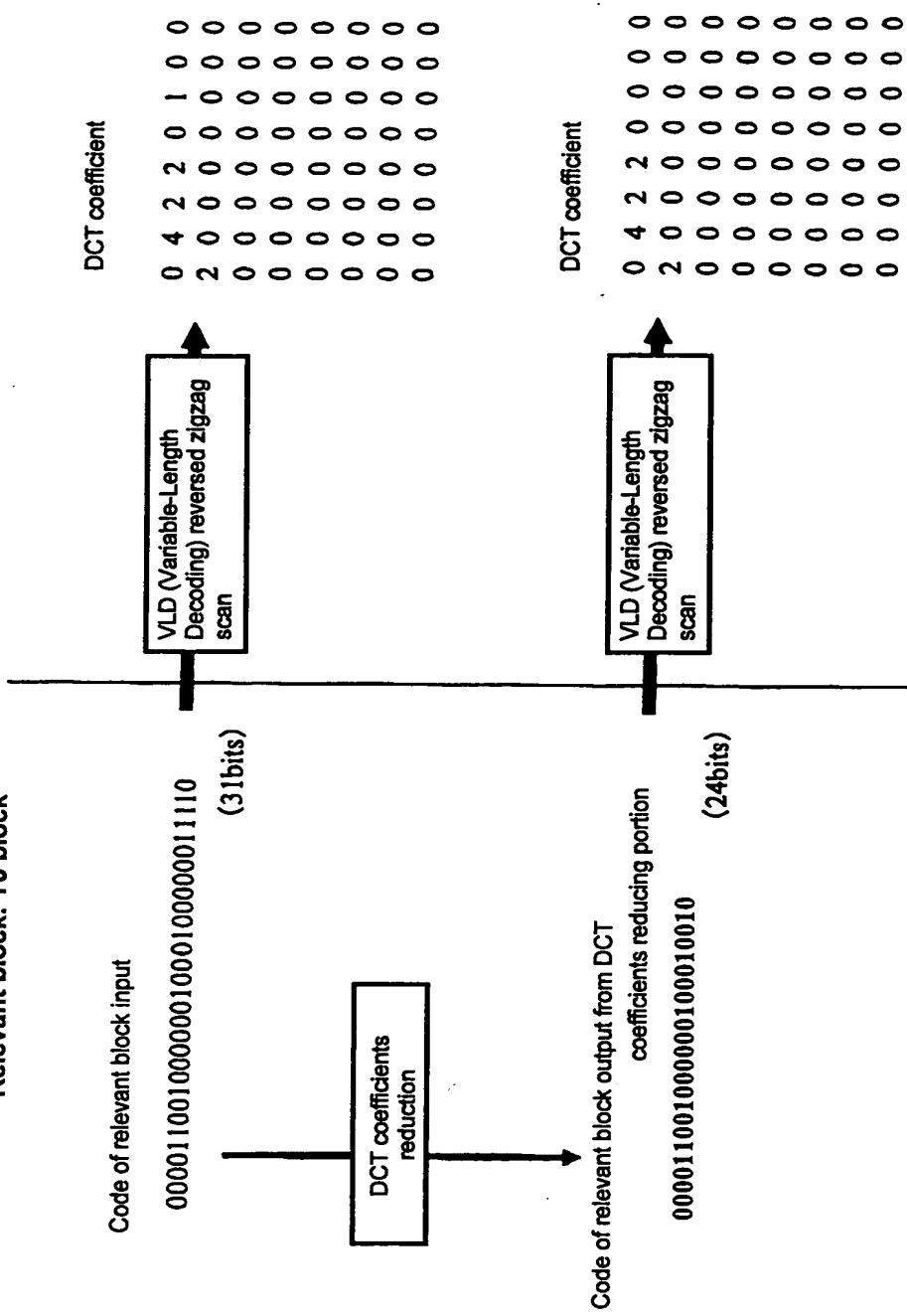


FIG. 6

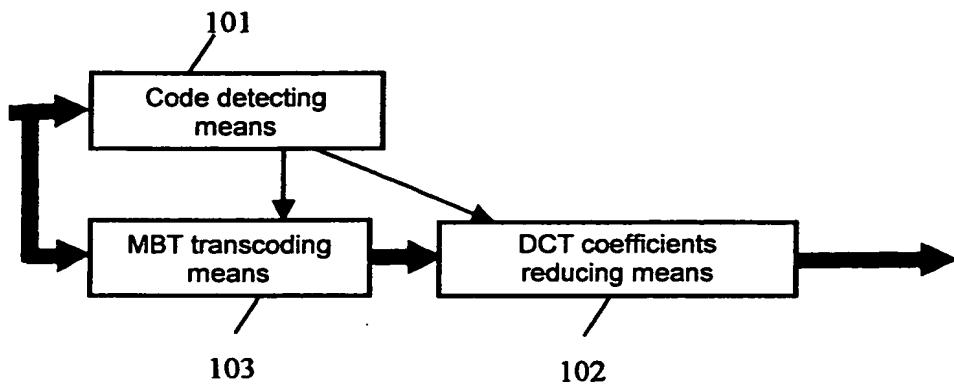


FIG. 7

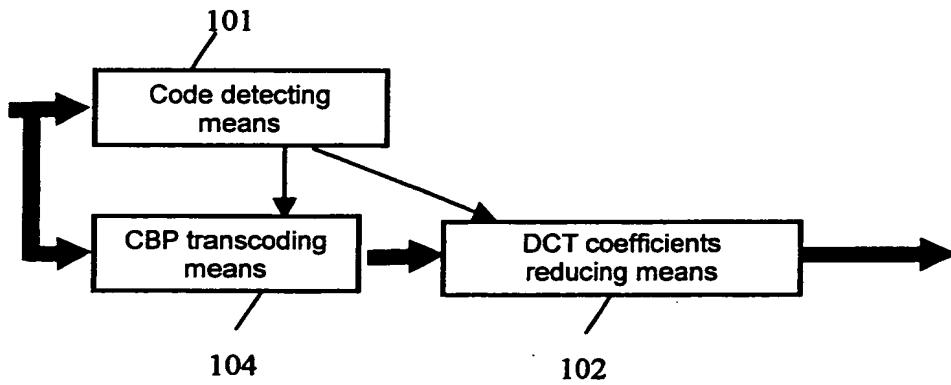


FIG. 8

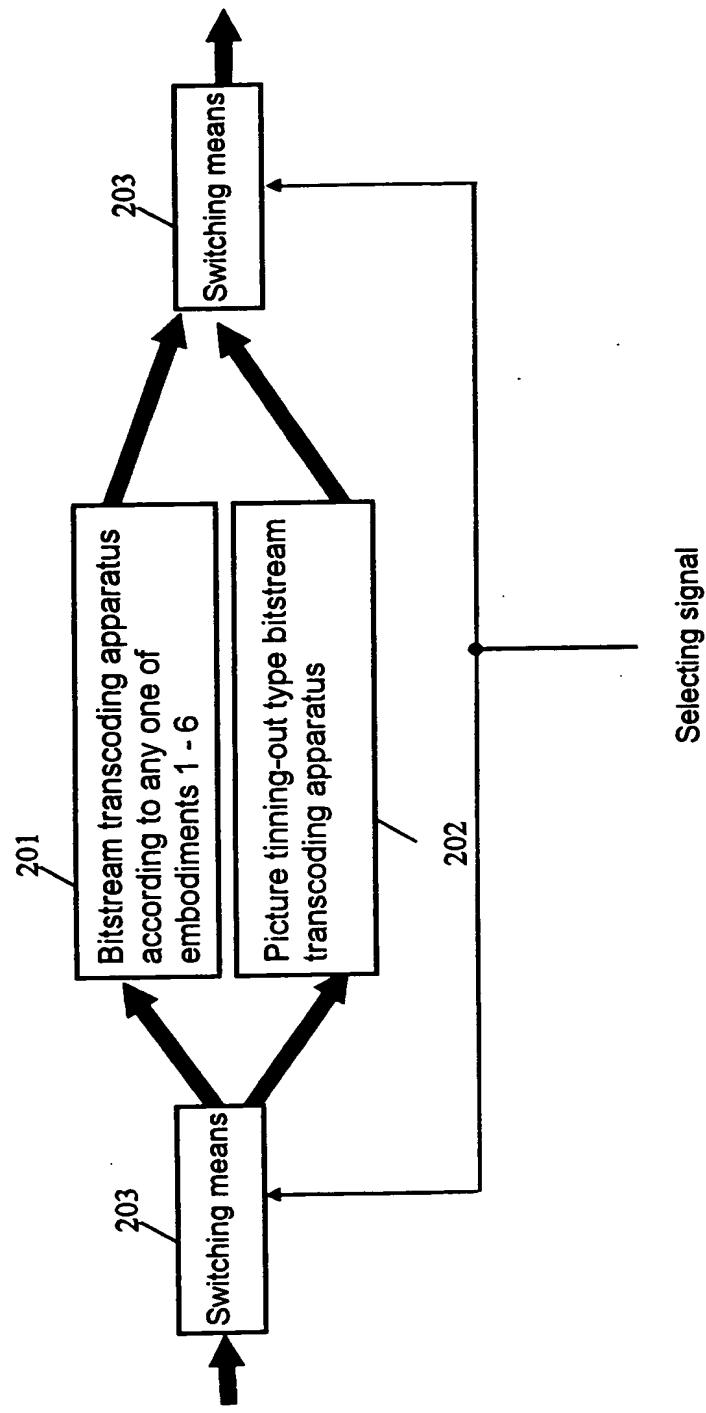


FIG. 9

Level 0	Outputs an input bitstream as is
Level 1	leaving as a component only one DCT coefficient encountered first in scanning of Inter MB in B-picture
Level 2	Replaces B-picture with such a B-picture that has zero inter-frame difference information
Level 3	Replaces all B-pictures with such a B-picture that has zero inter-frame difference information and leaves as component only one DCT coefficient encountered first in scanning of Inter MB in P-picture
Level 4	Replaces all B-pictures with such a B-picture that has zero inter-frame difference information and replaces P-picture with such a P-picture that has zero inter-frame difference information
Level 5	Replaces all B-pictures with such a B-picture that has zero inter-frame difference information, replaces all P-pictures with such a P-picture that has zero inter-frame difference information, and replaces I-picture with such an I-picture that has zero inter-frame difference information at a predetermined rate

FIG. 10

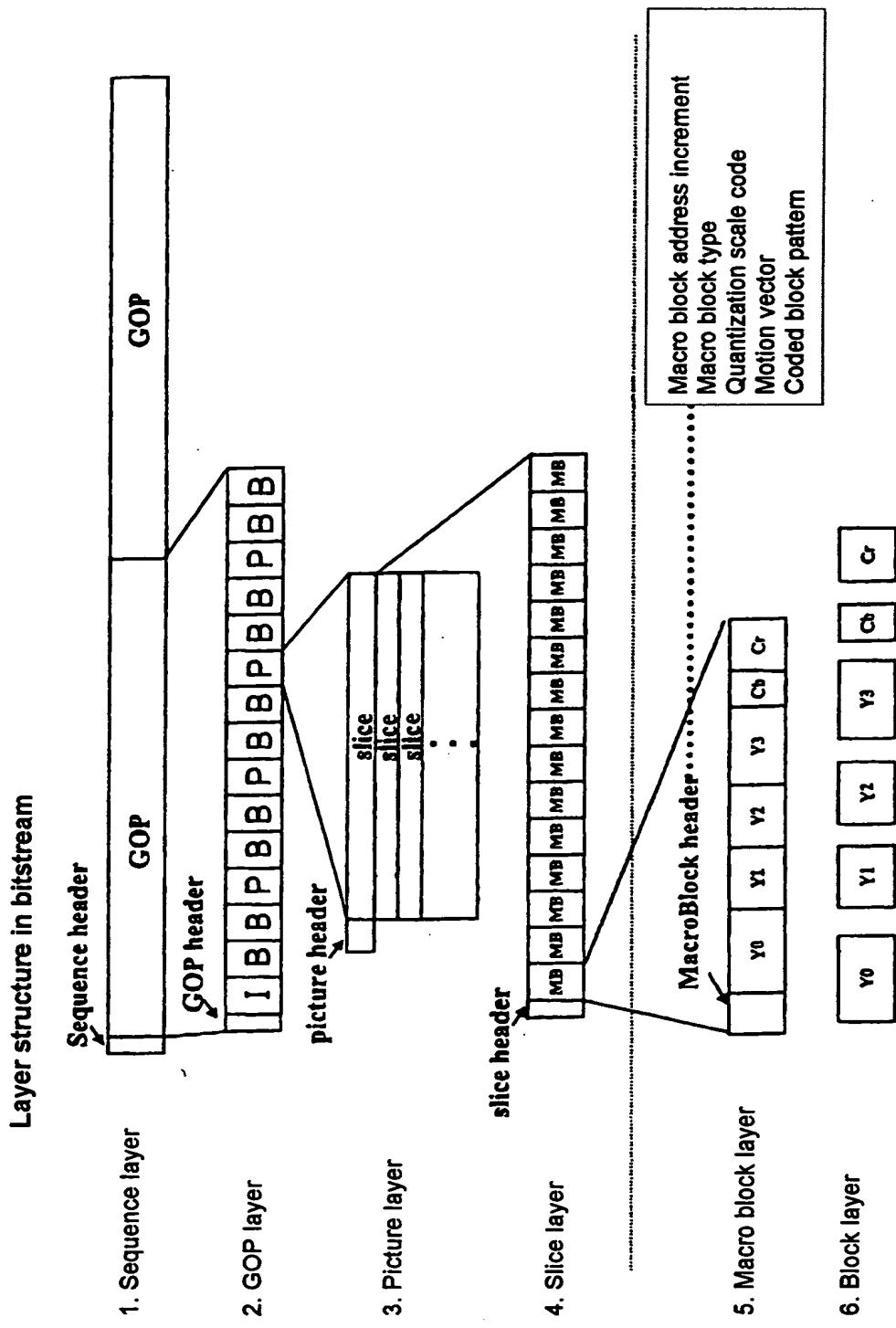


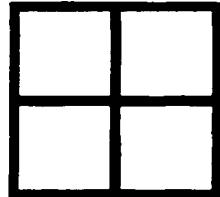
FIG. 11

Macro block type (P-picture)

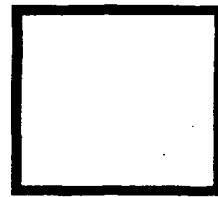
1. MC, Coded
2. No MC, Coded
3. MC, Not Coded
4. Intra
5. MC, Coded, Quant
6. No MC, Coded, Quant
7. Intra, Quant

FIG. 12

Luminance
signal
(Y)



Chrominance
signal
(Pb)



Chrominance
signal
(Pr)

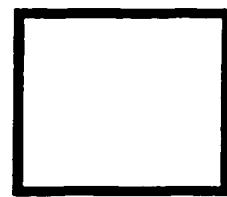


FIG. 13A

Zigzag scan

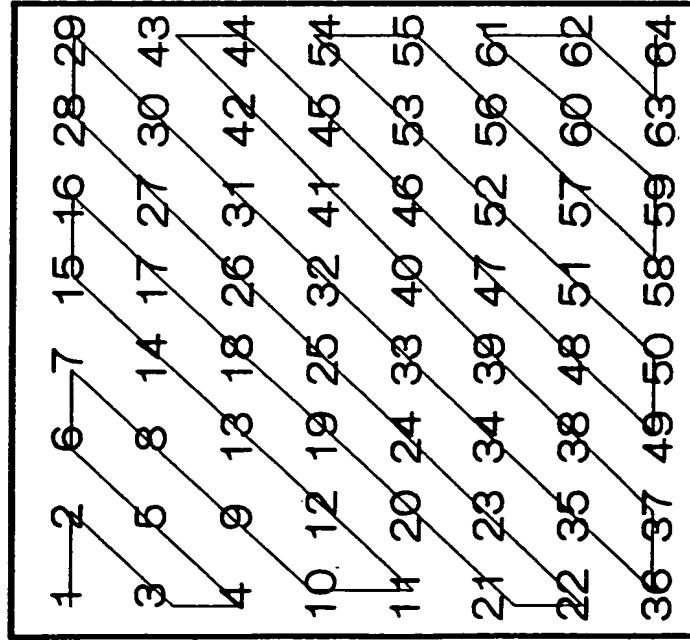


FIG. 13B

Alternate scan

